NW 3R Region Worksheet

County: None

3R PROJECT SUBMITTAL

Less than 50% of the roadway centerline alignment will be redesigned, and no additional vehicle thru lanes will be added.

AADT	0			
TRUCK ADT	0	0%	% TRUCKS	Total Rating: 0.00
PROJECT LENGTH	0.00	Miles		

Property Damage Accidents		Injury Accidents		Fatal Accidents	
0	2001	0	2001	0	2001
0	2002	0	2002	0	2002
0	2003	0	2003	0	2003

FUNCTIONAL CLASS: None

DRD: Benk. Beam Design Rebound Deflection

ITN: Calculate ITN — 0.0 — View ITN Graph — Structural Rating: 0.00

DTN: Calculate DTN — View DTN Graph

SURFACE RATING: From CRAB

LOCAL SIGNIFICANCE: No

TERRAIN: Flat — Minimum Design Speed:

Geometry

	Existing	Proposed	Standard
Lane Width (both sides)	0.0	0.0	0
Shoulder Width (one side)	0.0	0.0	0
Total Road Width	0.0	0.0	0

Standards are listed here only for reference. Otherwise deviation approval may be required.

3R projects require a letter to the county's project file prior to construction.

VERT. GRADE:

Max Grade	Existing Grades	Length Grade, Mi.	Grade No.
0			1
			2
			3
			4
			5
			6
			7
			8
			9
			10

STOPPING SIGHT DIST.:

Standard Sight Dist	Existing Sight Dist.	Length, Mi	Curve No.
305			1
			2
			3
			4
			5
			6
			7
			8
			9
			10

HORIZ. ALIGNMENT:

Radius @ 6%	Minimum Radius	Existing Curve No.	Safe Design Speed
510		1	
		2	
		3	
		4	
		5	
		6	
		7	
		8	
		9	
		10	

(leave no blanks between curves)

Total % Deficient: 0.00% — % Safe to Pass: 0.00%

(Grade and Sight Dist. Combined)

Note: For vertical points, count a deficient section length only once, whether it be for deficient grade or deficient stopping sight distance.

Reset — Print

3R CHECKLIST ITEMS:

A. OPERATIONAL FEATURES

	Check if Applicable:	Points	
Traffic Control Devices.	☐	0	**Signs, signals, markings and other devices** used to regulate, warn, or guide traffic placed on, over or adjacent to the roadway, pedestrian facility, or bikeway. - Must attach warrants
Right turn lanes only.	☐	0	- Must attach warrants
Left turn lanes	☐	0	- Must attach warrants
Total Operational Features:		0	

B. REMOVE ROADSIDE HAZARDS

1 Provide recent roadside inventory and date inventory was done.
2 Claim only those hazards you will mitigate.
3 20 points will be assigned to the highest regional submittal
the remainder of submittals will be prorated back.

Roadside Inventory of deficiencie	No. of hazards:		
Sideslopes		- Count every 100 ft that is: > 6 ft, 2:1 or steeper	
Utility poles		- Must be moved to 4 ft beyond back of ditch or to R/W	
Mailboxes		- Support must be ≥ 25 in.^{2,} non breakaway	
Trees		- Grubbed or cut to ground	
Sign posts		- Non breakaway ≥ 25 in.^{2}	2 pt
Culvert ends		- Road approch, > 12 in. and cross culverts ≥ 24 in	4 pts
Barrier systems		- Substandard height, support, and terminals	
Other hazards		- Specify in Prospectus	
		= 0 /mile	

Reset

County: None

Project Name:

Road log No.:

NWR RAP 3R Rating Worksheet
WAC 136 130 040
3R Worksheet Recap

3R WORKSHEET RECAP

	Max. Points	Scored Points
TRAFFIC VOLUME	10	0
TRAFFIC ACCIDENTS	10	
	20	0
STRUCTURAL:		
Road Rater	20	0.00
Resurfacing (Visual)	10	0
	30	0.00

	Max. Points	Scored Points
SPECIAL:		
Local Significance	20	0
Minor Collector (08)	10	0
	30	0
GEOMETRY:		
Vertical Alignment	5	0
Horizontal Alignment	5	0
Width	10	0
	20	0

3R CHECKLIST:

A. Improve Operational Features:

Traffic control devices	3	0	- Must attach warrants
Right Turn lanes	2	0	- Must attach warrants
Left turn lanes	5	0	- Must attach warrants
	10	0	

B. Remove roadside hazards:

1 Provide recent roadside inventory and date inventory was done.
2 Claim only those hazards you will mitigate.
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Roadside Inventory of deficiencies:	No. of hazards:	
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Utility poles		- Count every 100 ft that is: > 6 ft, 2:1 or steeper
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Mailboxes		- Support must be ≥ 25 in.^{2}, non breakaway
Trees		- Grubbed or cut to ground
Sign posts		- Non breakaway ≥ 25 in.^{2}
Culvert ends		- Road approch, > 12 in. and cross culverts ≥ 24 in diameter
Barrier systems		- Substandard height, support, and terminals
Other hazards		- Specify in Prospectus

= 0 /mile Largest in region=

Set by CRAB after all submittals are in.

Inventory Total:	**20**	0.00
3R CHECKLIST Total:	**30**	0.00

TOTAL NWR RAP WORKSHEET RATING: 130

Max.Score 0.00

NOTES:

1. Points for Visual Rating portion of the STRUCTURAL RATING will be assigned by the RAP Engineer.
2. No points are allowed for conditions which are not going to be improved by the proposed project.

Clear Submit Print

Calculating the Initial Traffic Number ITN

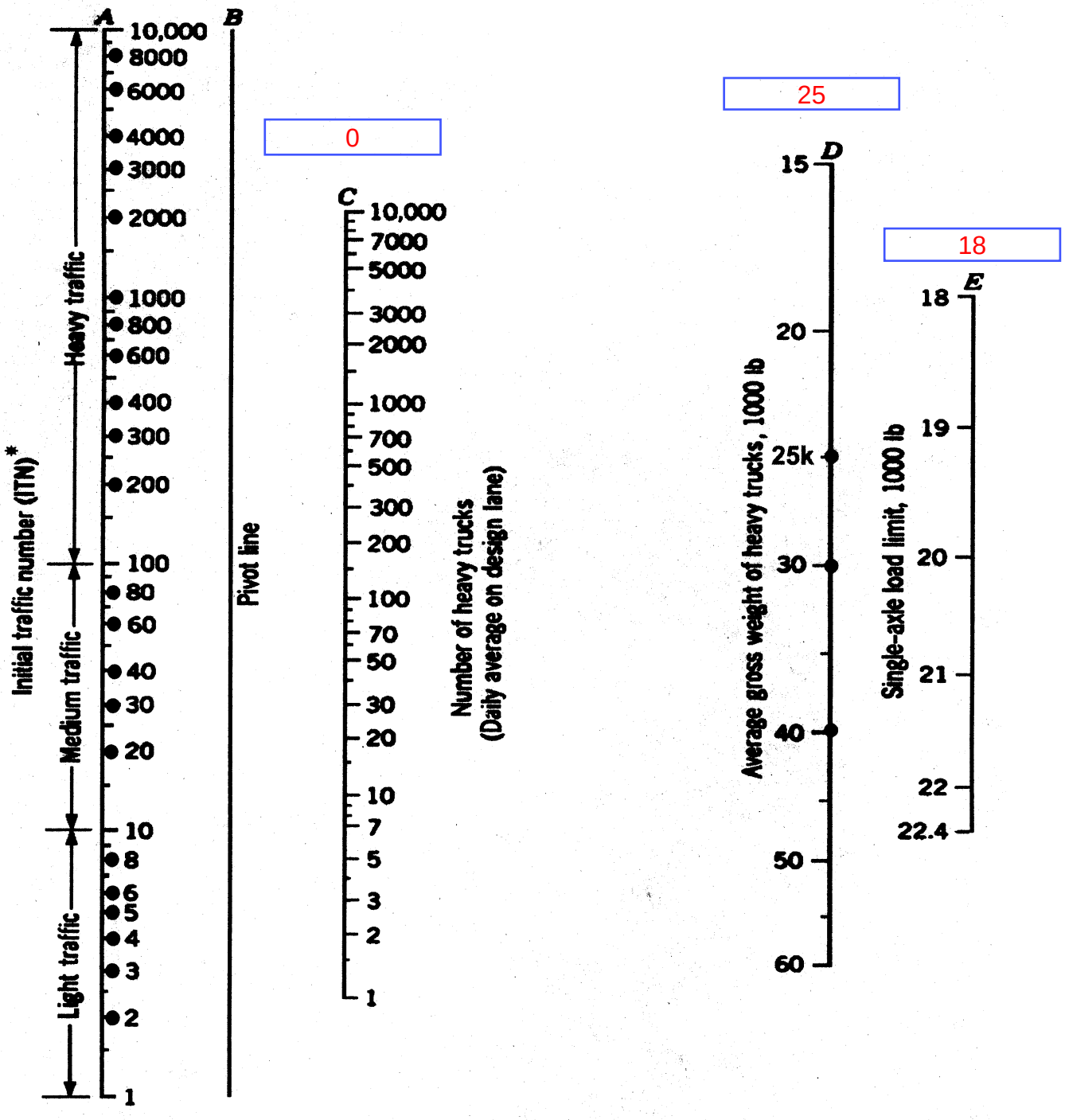
Single-axle load limit (1000 lb) 18

Average gross weight of heavy trucks (1000 lb) 25

Daily number of heavy trucks 0

Calculate Initial Traffic Number (ITN)

Reset ITN | Print | Return to Worksheet



ITN =

Print

CALCULATING THE DESIGN TRAFFIC NUMBER DTN

Design Rebound Deflection value (in)

DTN value

Calculate **Reset DTN** Print